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terminal in association with the additional information.

REMARKS


Claims 1-56 remain in the application and have been amended hereby.

As will be noted from the Declaration, Applicants are citizens and residents of Japan and this application originated there.

Accordingly, the amendments made to the specification are provided to place the application in idiomatic English, and the claims are amended to place them in better condition for examination.

An early and favorable examination on the merits is earnestly solicited.

Respectfully submitted,
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VERSION WITH MARKINGS TO SHOW CHANGES MADE
IN THE ABSTRACT OF THE DISCLOSURE

Please amend the Abstract by rewriting same to read as follows.

A user presets as key information in a PC certain information, such as the user's favorite program categories[,]
and artist names[, as key information]. A receiver receives a digital radio broadcast in which additional information is multiplexed with audio information. The received additional information is transferred to the PC via a communications [means] device. The PC determines whether the preset key information is included in the additional information. If the key information is included, the additional information is stored in a storage device as an additional information file. [Alternatively, the additional information is transmitted on a communications network with an ID of an information processing terminal at a user-specified destination attached thereto.] The arrangement may be such that when a connection is established between the receiver and the PC via the communications [means] device, the key information is transmitted from the PC to the receiver so that additional information can be selected on the receiver.

IN THE CLAIMS

Please amend claims 1-56 by rewriting same to read as follows.

--1. (Amended) A method of storing additional information, comprising the steps of:

receiving additional information obtained and transferred by a receiver [capable of] receiving a broadcast in which the additional information is multiplexed with main information including one of an audio signal [or] and a video signal;

determining whether preset key information is included in

the [transferred] additional information; and

storing the additional information in a storage medium [if] when the preset key information is determined to be included.

--2. (Amended) [A] The method of storing additional information according to Claim 1, wherein [if] when the additional information includes a data portion consisting of a payload and a header portion consisting of information associated with the payload, information [which may be] included in the header portion of the additional information is set as the key information, and [if] when the key information is included in the header portion, the additional information including the header portion is stored in the storage medium.

--3. (Amended) [A] The method of storing additional information according to Claim 1, wherein [if] when the additional information includes a data portion consisting of a payload and a header portion consisting of information associated with the payload, information [which may be] included in the header portion of the additional information is set as the key information, and [if] when the key information is included in the header portion, the data portion associated with the header portion is stored in the storage medium.

--4. (Amended) [A] The method of storing additional information according to Claim 1, wherein said step of storing [step] stores, in addition to the additional information including the key information, the main information of the associated program in the storage medium.

--5. (Amended) [A] The method of storing additional information according to Claim 1, wherein said step of storing

[step] stores accompanying information in association with the additional information.

--6. (Amended) [A] The method of storing additional information according to Claim 1, wherein said receiver also receives further additional information of a program other than the program being received and transfers the further additional information.

--7. (Amended) [A] The method of storing additional information according to Claim 1, further comprising the steps of transferring the additional information stored in the storage medium to said receiver, wherein said receiver displays the transferred additional information on a display unit of thereof.

--8. (Amended) A method of transferring additional information, comprising the steps of:

receiving a broadcast in which additional information is multiplexed with main information including one of an audio signal [or] and a video signal, thereby obtaining the additional information;

determining whether preset key information is included in the additional information obtained in the step of receiving; and

transferring the additional information to an external device [if] when the key information is determined to be included.

--9. (Amended) [A] The method of transferring additional information according to Claim 8, wherein [if] when the additional information includes a data portion consisting of a payload and a header portion consisting of information associated with the payload, information [which may be] included in the

header portion of the additional information is set as the key information, and [if] when the key information is included in the header portion, the additional information including the header portion is transferred to the external device.

--10. (Amended) [A] The method of transferring additional information according to Claim 8, wherein [if] when the additional information includes a data portion consisting of a payload and a header portion consisting of information associated with the payload, information [which may be] included in the header portion of the additional information is set as the key information, and [if] when the key information is included in the header portion, the data portion associated with the header portion is transferred to the external device.

--11. (Amended) [A] The method of transferring additional information according to Claim 8, wherein said transferring step transfers, in addition to the additional information including the key information, the main information of the associated program to the external device.

--12. (Amended) [A] The method of transferring additional information according to Claim 8, wherein said step of receiving [and obtaining step] also receives and obtains further additional information of a program other than the program being received.

--13. (Amended) [A] The method of transferring additional information according to Claim 8, further comprising the step of transferring the additional information stored in the storage medium to said receiver, wherein said receiver displays the transferred additional information on a display unit thereof.

--14. (Amended) [A] The method of transferring additional information according to Claim 8, wherein said step of determining [step] stores the additional information in storage means [if] when it is determined that the key information is included, and said step of transferring [step] transfers the additional information stored in the storage means to the external device at a predetermined timing.

--15. (Amended) [A] The method of transferring additional information according to Claim 8, wherein said step of determining [step] stores the additional information in storage means [if] when it is determined that the key information is included, and said step of transferring [step] deletes the additional information from the storage means after the additional information has been transferred.

--16. (Amended) A method of storing additional information, comprising the steps of:

receiving a broadcast in which additional information is multiplexed with main information including one of an audio signal [or] and a video signal, thereby obtaining the additional information;

determining whether preset key information is included in the additional information obtained in the step of receiving;

transferring the additional information to an information processing terminal [if] when the key information is included; and

storing the additional information transferred to the information processing terminal in a storage medium of the information processing terminal.

--17. (Amended) [A] The method of storing additional

information according to Claim 16, wherein [if] when the additional information includes a data portion consisting of a payload and a header portion consisting of information associated with the payload, information [which may be] included in the header portion of the additional information is set as the key information, and [if] when the key information is included in the header portion, the additional information including the header portion is transferred to the information processing terminal and stored in the storage medium.

--18. (Amended) [A] The method of storing additional information according to Claim 16, wherein [if] when the additional information includes a data portion consisting of a payload and a header portion consisting of information associated with the payload, information [which may be] included in the header portion of the additional information is set as the key information, and [if] when the key information is included in the header portion, the data portion associated with the header portion is transferred to the information processing terminal and stored in the storage medium.

--19. (Amended) [A] The method of storing additional information according to Claim 16, wherein said step of transferring [step] transfers, in addition to the additional information including the key information, the main information of the associated program to said information processing terminal, and said step of storing [step] stores the transferred additional information and main information in the storage medium of said information processing terminal.

--20. (Amended) [A] The method of storing additional information according to Claim 16, wherein said step of storing

[step] stores information obtained in the information processing terminal in association with the additional information.

--21. (Amended) [A] The method of storing additional information according to Claim 16, wherein said step of receiving [and obtaining step] also receives and obtains further additional information of a program other than the program being received.

--22. (Amended) [A] The method of storing additional information according to Claim 16, further comprising the step of transferring the additional information stored in the storage medium to said receiver, wherein said receiver displays the transferred additional information on a display unit thereof.

--23. (Amended) [A] The method of transferring additional information according to Claim 16, wherein said [determining step determines] step of storing stores the additional information in storage means [if] when it is [determine] determined that the key information is included, and said transferring [step] transfers the additional information stored in the storage means to the information processing terminal at a predetermined timing.

--24. (Amended) [A] The method of storing additional information according to Claim 16, wherein said step of transferring [step] transfers the additional information in response to a transfer request issued by the information processing terminal.

--25. (Amended) [A] The method of storing additional information according to Claim 16, wherein said [determining] step of storing stores the additional information in storage means [if] when it is determined that the key information is

included, and said transferring step deletes the additional information from the storage means after the additional information has been transferred.

--26. (Amended) A receiver comprising:

a receiving unit [capable of] receiving a broadcast in which additional information is multiplexed with main information including one of an audio signal [or] and a video signal;

a control unit which determines whether key information preset in said receiver is included in the additional information received by said receiving unit; and

a communications unit which transfers the additional information received by said receiving unit to an external device [if] when said control unit determines that the key information is included in the additional information.

--27. (Amended) [A] The receiver according to Claim 26, wherein [if] when the additional information includes a data portion consisting of a payload and a header portion consisting of information associated with the payload, information [which may be] included in the header portion of the additional information is set as the key information, and [if] when the key information is included in the header portion, the additional information including the header portion is transferred to the external device.

--28. (Amended) [A] The receiver according to Claim 26, wherein [if] when the additional information includes a data portion consisting of a payload and a header portion consisting of information associated with the payload, information [which may be] included in the header portion of the additional information is set as the key information, and [if] when the key

information is included in the header portion, the data portion associated with the header portion is transferred to the external device.

--29. (Amended) [A] The receiver according to Claim 26, wherein in addition to the additional information including the key information, the main information of the associated program is transferred to the external device.

--30. (Amended) [A] The receiver according to Claim 26, wherein said receiver unit [also] receives additional further information of a program other than the program being received.

--31. (Amended) [A] The receiver according to Claim 26, further comprising a display unit for displaying the additional information, wherein at least part of the additional information transferred to the external device is transferred from the external device via said communications unit, so that the transferred additional information is displayed on said display unit.

--32. (Amended) [A] The receiver according to Claim 26, further comprising storage means for storing the additional information, wherein the additional information is stored in said storage means [if] when it is determined that the key information is included, and the additional information stored in said storage means is transferred to the external device at a predetermined timing.

--33. (Amended) [A] The receiver according to Claim 26, further comprising storage means for storing the additional information, wherein the additional information is stored in said

storage means [if] when it is determined that the key information is included, and the additional information is deleted from said storage means after the additional information has been transferred.

--34. (Amended) An information processing terminal comprising:

a data communications unit for receiving additional information obtained and transferred by a receiver [capable of] receiving a broadcast in which the additional information is multiplexed with main information including one of an audio signal [or] and a video signal;

a control unit which determines whether preset key information is included in the transferred additional information; and

storage means for storing the additional information [if] when said control unit determines that the key information is included in the additional information.

--35. (Amended) [An] The information processing terminal according to Claim 34, wherein [if] when the additional information includes a data portion consisting of a payload and a header portion consisting of information associated with the payload, information [which may be] included in the header portion of the additional information is set as the key information, and [if] when the key information is included in the header portion, the additional information including the header portion is stored in said storage means.

--36. (Amended) [An] The information processing terminal according to Claim 34, wherein [if] when the additional information includes a data portion consisting of a payload and

a header portion consisting of information associated with the payload, information [which may be] included in the header portion of the additional information is set as the key information, and [if] the key information is included in the header portion, the data portion associated with the header portion is stored in said storage means.

--37. (Amended) [An] The information processing terminal according to Claim 34, wherein [if] when said control unit determines that the key information is included in the additional information, in addition to the additional information including the key information, the main information of the associated program is stored in said storage means.

--38. (Amended) [An] The information processing terminal according to Claim 34, wherein [if] when said control unit determines that the key information is included in the additional information, accompanying information obtained by said information processing terminal is stored in association with the additional information.

--39. (Amended) [An] The information processing terminal according to Claim 34, at least part of the additional information stored in said storage means is transferred to said receiver via said communications unit.

--40. (Amended) A method of transferring additional information, comprising the steps of:

transmitting to a first information processing terminal additional information obtained by a receiver [capable of] receiving a broadcast in which the additional information is multiplexed with main information including one of an audio

signal [or] a video signal;

determining on said first information processing terminal whether key information preset in said first information processing terminal is included in the transmitted additional information; and

transferring the additional information from said first information processing terminal to a second information processing terminal at a destination [if] when the key information is determined to be included.

--41. (Amended) [A] The method of transferring additional information according to Claim 40, wherein [if] when the additional information includes a data portion consisting of a payload and a header portion consisting of information associated with the payload, information [which may be] included in the header portion of the additional information is set as the key information, and [if] when the key information is included in the header portion, the additional information including the header portion is transferred to said second information processing terminal.

--42. (Amended) [A] The method of transferring additional information according to Claim 40, wherein [if] when the additional information includes a data portion consisting of a payload and a header portion consisting of information associated with the payload, information [which may be] included in the header portion of the additional information is set as the key information, and [if] when the key information is included in the header portion, the data portion associated with the header portion is transferred to said second information processing terminal.

--43. (Amended) [A] The method of transferring additional information according to Claim 40, wherein said transmitting step transmits, in addition to the additional information, the main information of the associated program to said first information processing terminal, and said transferring step transfers, in addition to the additional information including the key information, the main information of the associated program to said second information processing terminal.

--44. (Amended) [A] The method of transferring additional information according to Claim 40, wherein said transferring step transfers accompanying information obtained by said first information terminal in association with the additional information.

--45. (Amended) [A] The method of transferring additional information according to Claim 40, wherein said receiver also receives further additional information of a program other than the program being received and transmits the additional information.

--46. (Amended) A method of transferring additional information, comprising the steps of:

receiving additional information by a receiver [capable of] receiving a broadcast in which the additional information is multiplexed with main information including one of an audio signal [or] and a video signal;

determining [on] at said receiver whether key information preset in said receiver is included in the received additional information;

transmitting the additional information to a first information processing apparatus at a source [if] when the key

information is determined to be included; and

transferring the additional information from said first information processing terminal to a second information processing terminal at a destination via a communications network.

--47. (Amended) [A] The method of transferring additional information according to Claim 46, wherein [if] when the additional information includes a data portion consisting of a payload and a header portion consisting of information associated with the payload, information [which may be] included in the header portion of the additional information is set as the key information, and [if] when the key information is included in the header portion, the additional information including the header portion is transmitted to said first information processing terminal.

--48. (Amended) [A] The method of transferring additional information according to Claim 46, wherein [if] when the additional information includes a data portion consisting of a payload and a header portion consisting of information associated with the payload, information [which may be] included in the header portion of the additional information is set as the key information, and [if] when the key information is included in the header portion, the data portion associated with the header portion is transmitted to said first information processing terminal.

--49. (Amended) [A] The method of transferring additional information according to Claim 46, wherein said transmitting step transmits, in addition to the additional information including the key information, the main information of the associated

program to said first information processing terminal.

--50. (Amended) [A] The method of transferring additional information according to Claim 46, wherein said transferring step transfers accompanying information obtained by said first information processing terminal in association with the additional information.

--51. (Amended) [A] The method of transferring additional information according to Claim 46, wherein said receiver also receives further additional information of a program other than the program being received.

--52. (Amended) An information processing terminal comprising:

a data communications unit for receiving additional information obtained and transferred by a receiver [capable of] receiving a broadcast in which the additional information is multiplexed with main information including one of an audio signal [or] and a video signal;

a control unit which determines whether preset key information is included in the transferred additional information; and

a network communications unit for transmitting the additional information onto a communications network [if] when said control unit determines that the key information is included in the additional information.

--53. (Amended) [An] The information processing terminal according to Claim 52, wherein [if] when the additional information includes a data portion consisting of a payload and a header portion consisting of information associated with the

payload, information [which may be] included in the header portion of the additional information is set as the key information, and [if] when the key information is included in the header portion, said network communications unit transmits the additional information including the header portion.

--54. (Amended) [An] The information processing terminal according to Claim 52, wherein [if] when the additional information includes a data portion consisting of a payload and a header portion consisting of information associated with the payload, information [which may be] included in the header portion of the additional information is set as the key information, and [if] when the key information is included in the header portion, said network communications unit transmits the data portion associated with the header portion.

--55. (Amended) [An] The information processing terminal according to Claim 52, wherein [if] when said control unit determines that the key information is included in the additional information, said network communications unit transmits, in addition to the additional information including the key information, the main information of the associated program.

--56. (Amended) [An] The information processing terminal according to Claim 52, wherein [if] when said control unit determines that the key information is included in the additional information, said network communications unit transmits accompanying information obtained by said information processing terminal in association with the additional information.